

PATENT COOPERATION TREATY

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From the INTERNATIONAL SEARCHING AUTHORITY

PCT 8.4.2000
 Appl. No. To Be Assigned
 Doc. Ref. AR1

PCT

NOTIFICATION OF TRANSMITTAL OF
 THE INTERNATIONAL SEARCH REPORT
 OR THE DECLARATION

(PCT Rule 44.1)

To:
 CHRISTIE, PARKER & HALE, LLP
 Attn. PACIULAN, Richard J.
 Post Office Box 7068
 Pasadena, California 91109-7068
 UNITED STATES OF AMERICA

Art. 19 Andam
36600 PCT. 2) file IDS in US?
 CASE # 36600 PCT. ACTION 2) file IDS in US?
 REMINDER 1) 12/19/00 DUE DATE 2) 1/19/01
 DEADLINE 2) 1/19/01

Date of mailing
 (day/month/year)

19/10/2000

Applicant's or agent's file reference

36600P/B600

FOR FURTHER ACTION

See paragraphs 1 and 4 below

International application No.

PCT/US 00/ 17952

International filing date
 (day/month/year)

29/06/2000

Applicant

BROADCOM CORPORATION

1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

Where? Directly to the International Bureau of WIPO
 34, chemin des Colombettes
 1211 Geneva 20, Switzerland
 Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90b/s.1 and 90b/s.3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority

 European Patent Office, P.B. 5818 Patentlaan 2
 NL-2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Clifford Lekahena

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 36600P/B600	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 00/ 17952	International filing date (day/month/year) 29/06/2000	(Earliest) Priority Date (day/month/year) 29/06/1999
Applicant BROADCOM CORPORATION		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 2 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II).

4. With regard to the title, ✓



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the abstract, ✓



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.

3



None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/17952

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G05F1/46 H02J1/14 H03K19/003

According to international Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G05F H02J H03K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 663 727 A (KAWASAKI STEEL CO) 19 July 1995 (1995-07-19) abstract ---	1-9
A	US 5 180 965 A (NOSE TADASHI) 19 January 1993 (1993-01-19) abstract ---	1-9
A	EP 0 505 158 A (FUJITSU LTD ;FUJITSU VLSI LTD (JP)) 23 September 1992 (1992-09-23) abstract ---	1-9
A	US 4 151 425 A (CAPPA MAURUS) 24 April 1979 (1979-04-24) abstract -----	1-9

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

11 October 2000

Date of mailing of the international search report

19/10/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Lampe, S

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 00/17952

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0663727 A	19-07-1995	JP 7183774 A	21-07-1995
		CA 2139008 A	25-06-1995
		CN 1108017 A	06-09-1995
		DE 69418020 D	27-05-1999
		DE 69418020 T	12-08-1999
		EP 0844737 A	27-05-1998
		US 5532621 A	02-07-1996
US 5180965 A	19-01-1993	JP 2034366 C	19-03-1996
		JP 4162111 A	05-06-1992
		JP 7069749 B	31-07-1995
EP 0505158 A	23-09-1992	JP 4287418 A	13-10-1992
		KR 9603595 B	20-03-1996
		US 5187397 A	16-02-1993
US 4151425 A	24-04-1979	CA 1079804 A	17-06-1980
		DE 2810641 A	21-09-1978
		FR 2384388 A	13-10-1978
		GB 1595394 A	12-08-1981
		JP 1422396 C	29-01-1988
		JP 53114052 A	05-10-1978
		JP 62030447 B	02-07-1987